

AMENDMENT

Entry of the following is respectfully requested. Kindly amend the following.

IN THE CLAIMS

1. (Original) A removable access panel system, comprising:
 - a frame suitable for containing an electronic component including an aperture therein, said frame further including at least one pocket adjacent to said aperture, wherein said at least one pocket includes an arced surface protruding generally into the pocket from a side of the pocket generally opposite the aperture;
 - a panel door capable of rotating to obtain an open position and a closed position, the panel door including:
 - at least one extension with a generally arced surface suitable for being accepted into the at least one pocket; and
 - a securing mechanism capable of securing the panel door to the frame in the closed position.
2. (Currently Amended) The removable access panel system of claim [[1]]5, further comprising a means for aligning the panel door to the frame.
3. (Currently Amended) The removable access panel system of claim [[1]]5, wherein the pocket is disposed generally below the aperture when the removable panel access system is aligned with gravity.
4. (Currently Amended) The removable access panel system of claim [[1]]5, wherein rotation of the panel door into an open position results in the at least one extension being removed from the pocket.
5. (Currently Amended) A removable access panel system, comprising:

a frame suitable for containing an electronic component, said frame including an aperture therein, said frame further including at least one pocket adjacent to said aperture, wherein said at least one pocket includes an arced surface protruding generally into the pocket from a side of the pocket generally opposite the aperture;
a panel door capable of rotating to obtain an open position and a closed position, the panel door including;

at least one extension with a generally arced surface suitable for being accepted into the at least one pocket; and

a securing mechanism capable of securing the panel door to the frame in the closed position ~~The removable access panel system of claim 1,~~ wherein the at least one extension includes tapers on two surfaces of the extension generally perpendicular to the arced surface, wherein the at least one pocket includes corresponding tapered structures for accepting the at least one extension.

6. (Original) The removable access panel system of claim 1, wherein the securing mechanism is at least one of a latch, a screw, a slide lock, and a twist lock.

7. (Currently Amended) The removable access panel system of claim ~~[[1]]~~5, wherein the securing mechanism is disposed on an opposite end of the panel door than the at least one extension.

8. (Original) The removable access panel system of claim 1, wherein the panel door is capable of electromagnetic shielding the electronic component when in the closed position.

9. (Original) The removable access panel system of claim 1, wherein the panel door is suitable for preventing the ingress of debris into the aperture, in the closed position.

10. (Original) A removable self-extracting panel system, comprising:
a frame for containing an electronic component including an aperture therein, said frame further including at least one pocket adjacent to said aperture, wherein said at least one pocket includes an arced surface protruding generally into the pocket from a side of the pocket generally opposite the aperture, whereby the innermost protrusion of the arced surface occurs at the outer surface of the frame;
a panel door capable of rotating to obtain an open position and a closed position, the panel door including;
at least one extension with a generally arced surface suitable for being accepted into the at least one pocket;
a securing mechanism capable of securing the panel door to the frame in the closed orientation; and
wherein the panel door is capable of self-extracting itself in the open position.

11. (Original) The removable access panel system of claim 10, further comprising a means for aligning the panel door to the frame.

12. (Currently Amended) A removable self-extracting panel system, comprising:
a frame for containing an electronic component, said frame including an aperture therein, said frame further including at least one pocket adjacent to said aperture, wherein said at least one pocket includes an arced surface protruding generally into the pocket from a side of the pocket generally opposite the aperture, whereby the innermost protrusion of the arced surface occurs at the outer surface of the frame;
a panel door capable of rotating to obtain an open position and a closed position, the panel door including;
at least one extension with a generally arced surface suitable for being accepted into the at least one pocket, ~~The removable access panel system of claim 10,~~

wherein the at least one extension includes a taper on the sides of the extension generally perpendicular to the arced surface, wherein the at least one pocket includes corresponding tapered structures for accepting the at least one extension;

a securing mechanism capable of securing the panel door to the frame in the closed orientation; and

wherein the panel door is capable of self-extracting itself in the open position.

13. (Original) The removable access panel system of claim 10, wherein the securing mechanism is at least one of a latch, a screw, a slide lock, and a twist lock.

14. (Original) The removable access panel system of claim 10, wherein the securing mechanism is disposed on an opposite end of the panel door than the at least one extension.

15. (Original) The removable access panel system of claim 10, wherein the panel door is capable of electromagnetic shielding the electronic component when in the closed position.

16. (Original) The removable access panel system of claim 10, wherein the panel door is suitable for preventing the ingress of foreign debris into the aperture, in the closed position.

17. (Original) A removable access panel system, comprising:
a means for containing an electronic component including a means for accessing said electronic component therein, wherein said containing means further includes a means for accepting adjacent to said accessing means, said accepting means

including an arced surface protruding into said accepting means from a side of the accepting means generally opposite said accessing means;
a means for covering said accessing means, said covering means capable of rotating to obtain an open position and a closed position, wherein said covering means includes at least one extension with a generally arced surface suitable for being accepted into said accepting means; and
a securing means capable of securing said covering means to said containing means in the closed position.

18. (Currently Amended) The removable access panel system of claim ~~[[17]]~~21, further comprising a means for aligning the covering means to the containing means.

19. (Currently Amended) The removable access panel system of claim ~~[[17]]~~21, wherein the accepting means is disposed generally below the accessing means when the removable panel access system is aligned with gravity.

20. (Currently Amended) The removable access panel system of claim ~~[[19]]~~21, wherein rotation of the covering means into an open position results in the at least one extension being removed from the accepting means.

21. (Currently Amended) ~~The removable access panel system of claim 19, A~~
removable access panel system, comprising:
a means for containing an electronic component including a means for accessing said
electronic component therein, wherein said containing means further includes a
means for accepting adjacent to said accessing means, said accepting means
including an arced surface protruding into said accepting means from a side of
the accepting means generally opposite said accessing means;

a means for covering said accessing means, said covering means capable of rotating to obtain an open position and a closed position, wherein said covering means includes at least one extension with a generally arced surface suitable for being accepted into said accepting means, wherein the at least one extension includes tapers on two surfaces of the extension generally perpendicular to the arced surface, wherein the accepting means includes corresponding tapered structures for accepting the at least one extension; and
a securing means capable of securing said covering means to said containing means in the closed position.

22. (Currently Amended) The removable access panel system of claim ~~[[19]]~~21, wherein the securing means is disposed on an opposite end of the covering means than the at least one extension.

23. (Original) The removable access panel system of claim 19, wherein the covering means is capable of electromagnetic shielding the electronic component when in the closed position.

24. (Original) The removable access panel system of claim 19, wherein the covering means is suitable for preventing the ingress of debris into the aperture, in the closed position.

25. (Previously Presented) A removable self-extracting panel system, comprising:
a frame for containing an electronic component including an aperture therein, said frame further including at least one pocket adjacent to said aperture, wherein said at least one pocket includes an arced surface protruding generally into said at least one pocket from a side of said at least one pocket generally opposite the aperture,

whereby the innermost protrusion of the arced surface occurs at the outer surface of the frame;

a panel door for rotating to obtain an open position and a closed position, the panel door including:

at least one extension with a generally arced surface for being accepted into said at least one pocket; and

a securing mechanism for securing the panel door to the frame in the closed orientation;

wherein the generally arced surface included in the at least one extension correspondingly mates with the arched surface included in the pocket such that the panel door slidingly rotates about the arched portion of the pocket to form a hinge for extracting the at least one extension upon rotation into an open position.

26. (Previously Presented) The removable access panel system of claim 25, further comprising a means for aligning the panel door to the frame.

27. (Currently Amended) ~~The removable access panel system of claim 25, A~~ removable self-extracting panel system, comprising:

a frame for containing an electronic component, said frame including an aperture therein, said frame further including at least one pocket adjacent to said aperture, wherein said at least one pocket includes an arced surface protruding generally into said at least one pocket from a side of said at least one pocket generally opposite the aperture, whereby the innermost protrusion of the arced surface occurs at the outer surface of the frame;

a panel door for rotating to obtain an open position and a closed position, the panel door including:

at least one extension with a generally arced surface for being accepted into said at least one pocket, wherein the at least one extension includes a taper on a side of

the extension generally perpendicular to the arced surface, wherein said at least one pocket includes corresponding tapered structures for accepting the at least one extension; and
a securing mechanism for securing the panel door to the frame in the closed orientation;
wherein the generally arced surface included in the at least one extension correspondingly mates with the arched surface included in the pocket such that the panel door slidingly rotates about the arched portion of the pocket to form a hinge for extracting the at least one extension upon rotation into an open position.

28. (Previously Presented) The removable access panel system of claim 25, wherein the securing mechanism is disposed on an opposite end of the panel door than the at least one extension.

29. (Previously Presented) The removable access panel system of claim 25, wherein the panel door is capable of electromagnetic shielding the electronic component when in the closed position.